Astonishing images on everything you watch.

REGZA

52XV645U LCD TV

Make everything you watch feel like HD with REGZA's XV645U series featuring Toshiba's advanced Resolution+™ technology.

Advantages

1080p FULL HD - Is the highest HD resolution for the ultimate in picture performance. Enjoy the best of both worlds, the spatial resolution of 1080 HDTV material and the smooth stable image of a progressive scan format.

ClearFrame™ 120Hz - Doubles the standard frame rate to 120 frames per second or 120Hz by utilizing superior Motion Vector Frame Interpolation (MVFI) technology. Incorporating the power of the PixelPure 5G video processor, MVFI creates new video frames and inserts them between the original frames. This advanced system virtually eliminates motion blur without decreasing image brightness, or adding flicker. Images are now crisp and clear regardless of image motion.

PixelPure 5G™ – At the heart of every 2009 REGZA television is a PixelPure 5G™ digital video processor. This fifth generation video processor is capable of reproducing up to 4,096 shades of gradation. The end result is an image that has tremendous colour accuracy and detail for life-like images.

Resolution+™ – Takes upscaling from 480i, 480p or 720p to a new level. Toshiba's development in this video processing technology provides superior upscaling of lower resolution signals to 1080p which results in improved picture quality with greater detail and depth.

AutoView™ - Designed to help ensure the best possible image quality at all times of the day. By combining an ambient room light sensor and incoming video content monitoring, AutoView™ automatically sets the TV picture parameters for optimal viewing. In addition to setting brightness, contrast, gamma, sharpness and colour saturation, the newly enhanced AutoView™ can also adjust colour temperature to compensate for changes in the colour of home lighting or the surrounding walls.

Instaport™ - By completing the hardware synchronization process when various components are powered on, rather than when the inputs are selected, the switching time between the HDMI™ inputs are only a fraction of an ordinary set. The typical 5-6 second delay when switching between HDMI™ inputs are eliminated.

40 years TOSHIBA

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Leading Innovation

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52XV645U specifications

Features

1920 X 1080 Panel Resolution
1080p Full HD Resolution
Dynamic Contrast Ratio 50,000:1
14 Bit PixelPure 5G™ Video Processor
Clearframe™ 120Hz Frame Conversion
120Hz Demo Mode
24Hz, 5:5 Display
Response Time: 6ms
500cd/m2 Brightness
Resolution+™
AutoView™
Dynalight™ Dynamic Backlight Control
Dynamic Contrast Control (4 item)
178° Viewing Angle
Deep Color
ATSC/QAM/NTSC Tuner
3D Y/C Comb Filter
Auto Aspect Ratio
Cableclear™ DNR
MPEG DNR
USB Picture (JPEG)
Color Temperature Control
Cinema Mode (480i/1080i)
Picture Modes
Static Gamma Control
Native Mode™
Gaming Mode™
Colormaster 3D™ Color Management Controls
Theaterwide™ Modes (6)
Lip Sync
ENERGY STAR 3.0 Compliant

Audio

MTS/SAP
10 Watts per Channel
Dolby Digital Out

Convenience

4 Item Multi-Brand Remote (CT-90302)
REGZA Link™ (CE Link) - Control other CEC compliant devices
Sleep Timer
Auto Power Off
Channel Browser
Favorite Browser
Panel Lock
Picture Freeze
Closed Captioning

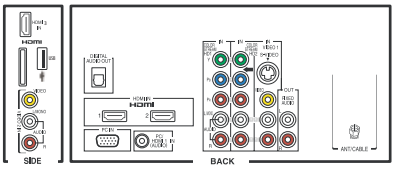
Connectivity

Inputs

(3) HDMI™ 1.3 Input with InstaPort Technology
(Supports 1080p/60hz/24hz) - 1 side Input
(2) Colorstream HD™ Input (Up to 1080p)
(1) S-Video Input
(2) Audio/Video Input (1 side input)
(1) USB (side)
(1) RF Input
(1) PC VGA Input (Supports up to SXGA/WXGA)

Outputs

(1) Optical Digital Audio Output
(1) Fixed Audio Output



for illustrative purposes

Product & Packaging

VESA® Mounting Holes**	200 x 400 mm
Unit Dimensions with stand (WHD) (mm)	1252 x 840 x 353
Unit Dimensions without stand (mm)	1252 x 791 x 100
Unit Weight with stand	37.5 kg
Carton Weight	42 kg
UPC Code	022265002537

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**If you decide to wall mount your Toshiba television, always use a CUL Listed wall bracket appropriate for the size and weight of the television.

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